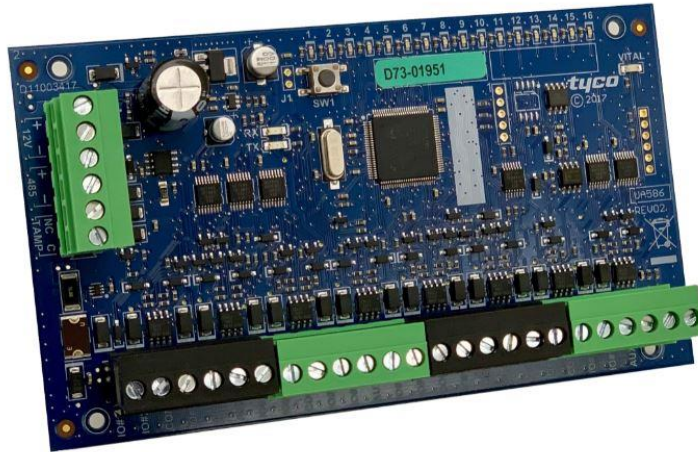




New Product Announcement

## Kantech RS-485 Input/Output Module



[Johnson Controls](#) is pleased to announce the Tyco Kantech RS-485 Input/Output Module, which combines the flexibility of Kantech expansion modules into a single, easy-to-use, cost-effective unit providing additional capacity for Kantech door controllers, such as the KT-1 and KT-400 (up to 62 modules per). Featuring 16 terminals for use as inputs and outputs, this single unit module enhances the functionality of the door controller by expanding its capacity, eliminating additional lines of input/output modules linked to a system, and speeding up installation time.

*"With the release of the RS-485 Input/Output Module, installers now have a simplified solution in which one module can perform dual functions enhancing Kantech's cost-effective access control offering to those looking for one module to fulfill their expansion needs"*

Brian McCarthy  
Product Manager, Kantech Hardware, Johnson Controls

## Key Features / Benefits at a Glance

### Cost-Effective, Single Module Expansion

The RS-485 Input/Output Module has been designed in a small form factor requiring minimal panel space and to be mounted in close proximity to the input/output location which reduces the length of wiring required. The input/output module provides additional capacity beyond the traditional confines of like modules and the need for installation of the module in close proximity to the controller due to conventional cable lengths. This offers installers faster, simpler installation up to 1.2km (~4000ft) from the controller thus freeing up valuable space inside the controller cabinet for additional equipment, such as integration alarms.

## Multi-Functional Usage

With the added capacity of 256 inputs and 256 outputs per KT controller using the RS-485 Input/Output Module, installers can now harness control over external equipment such as output supervision for locks, motion detector inputs, relays, elevator control programming, and SPI extension.

## Frequently Asked Questions

Q. Where does the Input/Output Module physically connect on the controller?

A. The Input/Output Module connects directly onto the COM2 (RS-485) of the KT-1 and KT-400 door controllers.

Q. How many Input/Output Modules can be added per controller?

A. Up to 64 modules for a maximum total of 256 inputs and 256 outputs can be added per controller.

Q. What version(s) of EntraPass security management software is the RS-485 Input/Output Module compatible with?

A. The RS-485 Input/Output Module is fully compatible with EntraPass v8.10 and higher.

Q. Is the Input/Output Module field upgradable?

A. Yes, the RS-485 Input/Output Module is field upgradable via RS-485.

## Ordering Information

Model Number	Description
KT-MOD-IO16	RS-485 Input/Output Module; compatible with KT-400 and KT-1 controllers
<b>Accessories</b>	
KT-MOD-CAB	Cabinet for up to 6 expansion modules, including lock, keys and 92cm (36 in) SPI cable
KT-1-CAB-M	Black metal cabinet; fits KT-1-PCB (H x W x D) 29.9 x 28.8 x 7.7 cm (11 3/4 x 11 3/8 x 3 in)
KT-400-CAB	Black metal cabinet with lock and keys

For more information on the RS-485 Input/ Output Module, please visit [www.kantech.com](http://www.kantech.com), email [kantechsales@tycoint.com](mailto:kantechsales@tycoint.com) or contact your Kantech account representative directly.